

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("2003/0230167").URPN.	USPAT	ADJ	OFF	2007/10/11 08:32
S1	70	("1415516" "1906184" "2183517" "2242759" "2443524" "2621137" "2700606" "2761776" "2861882" "2937939" "2992095" "20010036056" "20020028175" "20020114722" "20020135973" "20030104923" "20030117766" "20030147203" "20030170169" "20030205106" "3421195" "3647420" "3665260" "3849124" "3926832" "3962715" "4032328" "4059442" "4118727" "4126493" "4186423" "4201798" "4406699" "4428856" "4483819" "4722756" "4748737" "4805074" "4923531" "4960471" "4964906" "5011742" "5013357" "5022935" "5171379" "5211741" "5245514" "5369547" "5412533" "5448447" "5470525" "5825611" "599513" "6007597" "6051044" "6051326" "6136062" "6165623" "6312642" "6322912" "6373685" "6391275" "6416730" "6462934" "6527937" "6576038" "6576099" "6592740" "6639787" "6759026").PN.	US-PGPUB; USPAT	ADJ	OFF	2007/10/09 15:53
S2	648	(423/594.17 OR 423/594.8 OR 423/62).cccls.	US-PGPUB; USPAT	ADJ	OFF	2007/10/09 15:33
S3	70	("1415516" "1906184" "2183517" "2242759" "2443524" "2621137" "2700606" "2761776" "2861882" "2937939" "2992095" "20010036056" "20020028175" "20020114722" "20020135973" "20030104923" "20030117766" "20030147203" "20030170169" "20030205106" "3421195" "3647420" "3665260" "3849124" "3926832" "3962715" "4032328" "4059442" "4118727" "4126493" "4186423" "4201798" "4406699" "4428856" "4483819" "4722756" "4748737" "4805074" "4923531" "4960471" "4964906" "5011742" "5013357" "5022935" "5171379" "5211741" "5245514" "5369547" "5412533" "5448447" "5470525" "5825611" "599513" "6007597" "6051044" "6051326" "6136062" "6165623" "6312642" "6322912" "6373685" "6391275" "6416730" "6462934" "6527937" "6576038" "6576099" "6592740" "6639787" "6759026").PN.	US-PGPUB; USPAT	ADJ	OFF	2007/10/09 11:25

## EAST Search History

S5	1478	(423/594.17 OR 423/594.8 OR 423/62 OR 419/19).ccls.	US-PGPUB; USPAT	ADJ	OFF	2007/10/09 11:26
S6	1642	(423/594.17 OR 423/594.8 OR 423/62 OR 75/255).ccls.	US-PGPUB; USPAT	ADJ	OFF	2007/10/09 15:34
S16	212	(valve metal OR niobium) AND suboxide AND oxide AND phase	US-PGPUB; USPAT	ADJ	ON	2007/10/10 07:52
S17	4	S16 and S6	US-PGPUB; USPAT	ADJ	ON	2007/10/09 15:56
S18	40	(valve metal OR niobium) AND (suboxide AND oxide) SAME phase	US-PGPUB; USPAT	ADJ	ON	2007/10/09 15:58
S19	2	("6849104" OR "6701357").pn.	US-PGPUB; USPAT	ADJ	OFF	2007/10/09 16:05
S20	9	(US-20020114722-\$ or US-20020028175-\$ or US-20010036056-\$).did. or (US-6416730-\$ or US-4201798-\$ or US-6165623-\$ or US-6462934-\$ or US-6849104-\$ or US-5441670-\$). did.	US-PGPUB; USPAT	ADJ	OFF	2007/10/09 16:54
S21	1	S20 and S18	US-PGPUB; USPAT	ADJ	OFF	2007/10/09 16:16
S22	70	("1415516" "1906184" "2183517" "2242759" "2443524" "2621137" "2700606" "2761776" "2861882" "2937939" "2992095" "20010036056" "20020028175" "20020114722" "20020135973" "20030104923" "20030117766" "20030147203" "20030170169" "20030205106" "3421195" "3647420" "3665260" "3849124" "3926832" "3962715" "4032328" "4059442" "4118727" "4126493" "4186423" "4201798" "4406699" "4428856" "4483819" "4722756" "4748737" "4805074" "4923531" "4960471" "4964906" "5011742" "5013357" "5022935" "5171379" "5211741" "5245514" "5369547" "5412533" "5448447" "5470525" "5825611" "0599513" "6007597" "6051044" "6051326" "6136062" "6165623" "6312642" "6322912" "6373685" "6391275" "6416730" "6462934" "6527937" "6576038" "6576099" "6592740" "6639787" "6759026").PN.	US-PGPUB; USPAT	ADJ	OFF	2007/10/09 16:55
S23	24	(S20 OR S22 OR S19) AND flow	US-PGPUB; USPAT	ADJ	OFF	2007/10/09 16:55
S24	29	(valve metal OR niobium OR tantalum) AND suboxide AND oxide AND secondary AND tertiary	US-PGPUB; USPAT	ADJ	ON	2007/10/10 08:14

## EAST Search History

S26	1	US-20020066338-\$.did.	US-PGPUB; USPAT	ADJ	ON	2007/10/10 08:09
S27	95	(valve metal OR niobium OR tantalum OR aluminum OR zirconium OR titanium OR bismuth OR antimony) AND suboxide AND oxide AND secondary AND tertiary	US-PGPUB; USPAT	ADJ	ON	2007/10/10 08:15